Attorney Docket No. 5308-286

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Sumakeris et al.

Serial No.: 10/686,795 Examiner: Cuong Quang Nguyen

Filed: October 16, 2003 Confirmation No.: 7928

For: METHOD OF FORMING POWER SEMICONDUCTOR DEVICES USING BOULE-

GROWN SILICON CARBIDE DRIFT LAYERS AND POWER SEMICONDUCTOR

**DEVICES FORMED THEREBY** 

Date: January 20, 2005

Group Art Unit: 2811

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Attached is a Supplemental Form PTO-1449 listing documents cited in the International Search Report, that were not previously cited in an Information Disclosure Statement, for corresponding International Application Number PCT/US2004/31883. Each document listed on the attached PTO-1449 was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement. A copy of any listed foreign patent document and/or non-patent literature including the Search Report, is enclosed. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004.

No fee is believed due; however, the Commissioner is hereby authorized to charge any deficiency or credit any refund to Deposit Account No. 50-0220.

Respectfully submitted,

Scott Registration No. 36,925

Myers Bigel Sibley & Sajovec, P.A.

P. O. Box 37428

Raleigh, North Carolina 27627 Telephone: (919) 854-1400 Facsimile: (919) 854-1401

Customer No. 20792

Certificate of Mailing under 37 CFR 1.8

1 hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on January 20, 2005.

Candi L. Riggs 31

Substitute form 1449A/P	TO	1		Co	omplete if Known
		10	3/	Application Number	10/686,795
INFORMATION DIS	CLOSUR	-0.0G	1	Filing Date	October 16, 2003
STATEMENT BY A	PPLICANT		3.3	First Named Inventor	Joseph J. Sumakeris
		1369	1	Group Art Unit	2811
(use as many sheets as	necessary)	S. S.	<b>S</b> /	Examiner Name	Cuong Quang Nguyen
Sheet E1	of	ESALS ASSURE		Attorney Docket Number	5308-248

			U.S. PATENTS	AND PATENT PUBLICATIONS		
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
		Number	Kind Code (if known)	Document	MM-DD-YYYY	
	1	US-6,162,665		Zommer	12-19-2000	
	2	US-5,895,939		Ueno	04-20-1999	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

				FOREIGN PA	ATENT DOCUMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication	T
		Office	Number	Kind Code (if known)	Document	of Cited Document MM-DD-YYYY	
	3	PCT	WO02/29900	A2	Cree, Inc.	04-11-2002	
	<del> </del>	-					
		<del> </del>	7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -		<u> </u>		
	<del></del>						
	_						
	1	1			775 to 100 to 10		
L	.L						

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Т
	4	Baranov et al., "EPR Study of Shallow and Deep Phosphorous Centers in 6H-SiC," Physical Review B66, 2002, pp. 165206-1 through 165206-7	
	5	Rashid et al., "Trench Oxide Protection for 10 kV 4H-SiC Trench MOSFETs," Power Electronics and Drive Systems, 2003, Vol. 2, pp. 1354-1358	
	6	Sugawara et al., "12-19kV 4H-SiC pin Diodes with Low Power Loss," Proceedings of 2001 International Symposium on Power Semiconductor Devices & Ics, Osaka, pp. 27-30	
	7	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration, PCT/US2004/031883, January 7, 2005	

Examiner Signature				Date Con	sidered	 	
**************************************	<u> </u>		<del></del>			 	